Approved for use through 10/31/2002 OMB 0651-0031

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number							
Substitute for form 1449A/PTO	COMPLETE IF KNOWN						
	Application Number						
INFORMATION DISCLOSURE	Confirmation Number		o <b>=</b>				
STATEMENT BY APPLICANT	Filing Date		7				
(use as many sheets as necessary)	First Named Inventor	Howell et al.	ω <u>ς</u> <u></u>				
	Group Art Unit		288 = 8				
	Examiner Name		99/				
SHEET 1 of 1	Attorney Docket Number	UV-1	10				

## U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No.1	U.S. PATENT Number	DOCUMENT Kind Code <sup>2</sup> (if known)	Name of Patentse or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	I	3,356,765		Musso et al.	12/05/1967	
	[	4,886,849		Hwo et al.	12/12/1989	
	T	4,960,820		Hwo	10/02/1990	
		5,093,189		Yamawaki	03/03/1992	
		5,290,635		Matsumura et al.	03/01/1994	
		5,359,004		Wilpers et al.	10/25/1994	
		5,369,181		Hwo	11/29/1994	
		5,597,522		Curzon et al.	06/28/1997	
		5,973,076		Yoshimura et al.	10/26/1999	
	T	H1274		Hwo	01/04/1994	

## **FOREIGN PATENT DOCUMENTS**

EXAMINER INITIALS*	Cite No.1	FOI Office <sup>3</sup>	REIGN PATENT D Number <sup>4</sup>	Kind	NT Code <sup>5</sup> nown)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
						<del></del>			
	<del> </del>			}					
····	<del> </del>						· · · · · · · · · · · · · · · · · · ·	1	
<del></del>							<del></del>		
	1								

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

	EXAMINER INITIALS*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>	
L					
I					
					ļ

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter cod (WIPO Standard ST.3). 4For Japanese documents, the indication of the year of the reign of the Emperor must preced the serial number of the patent document. Skind of document by the appropriat symbols as indicated on the document under WIPO Standard ST.16 if possibl. Applicant is to place a check mark here if English languag Translation is attached.

Burden Hour Statement: This form is estimated to tak 2.0 hours to complet. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be s int to the Chief Information Officer, Pat int and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.